

Single Family Residential Addition

2x____ rafters spaced ____" O.C. or
Manufactured Trusses spaced ____" O.C.
(example: 2 x 12 Rafters Spaced 24" O.C.)

Sheathing_____
(example: 1/2" exterior plywood)

Minimum 1x____ ridge board
(example: 1 x 12)

Roof covering_____
(example: Class A 3 tab shingles)

Note: For roofs with slopes less than 4:12, follow manufacturer's instructions for low slope application of roofing material.

12
pitch

Underlayment_____
(example: 1 layer 15# felt)

Building Section

Note: Attic ventilation and access may be required.

Provide roof tie downs
Solid 2x blocking between
rafters that are 2x12 or greater

Ceiling Insulation_____
(example: R-38)

Wall Insulation_____
(example: R-19 Fiberglass Batts)

2x____ ceiling joists @ ____ O.C.
(example: 2 x 8 @ 24" O.C.)

Double 2x____ top plate
(example: 2 x 6)

Span_____
(example: 23' 5")

Ceiling height_____
(example: 8')

Siding_____
(example: lap or T-111)

Wall sheathing_____
(example: 1/2" exterior plywood)

2x____ studs @ ____ O.C.
(example: 2 x 6 @ 24" O.C.)

Cont. 2x____ sill plate
(example: 2 x 4)

2x____ Joists @ ____ O.C.
(example: 2x10 @ 24" O.C.)

Wall width_____
(example: 8")

Footing size_____" x ____"
(example: 8" x 16")

Note: Pre-engineered roof trusses w/truss clips may be used in lieu of roof structure shown.

Diagonal wind bracing or braced wall panels
@ corners and each 25' of wall.

Note: Pre-engineered floor systems may be used and should be installed according to the manufacturers installation instructions.

Access required

18" minimum from the interior grade level to the bottom of the floor joists.

Engineered Design: Caissons may be required if your site has swelling soils. A foundation designed by a Colorado licensed architect or engineer may be required.

✓ Check one

- ☐ Foundation: Engineered Design
☐ Foundation: Detail A
(see page 3)

Property Address: _____

This handout was developed by the Colorado Chapter of the International Code Council as a basic plan submittal under the 2003 International Residential Code. It is not intended to cover all circumstances. Check with your Department of Building Safety for additional requirements.